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(54) Title: THE USE OF ORTHOESTERS FOR THE SYNTHESIS OF CHIRAL ACIDS IN BIOCATALYZED IRREVERSIBLE ESTERIFICATION PROCESSES

(57) Abstract: A process for the resolution of enantiomeric mixtures of a chiral carboxylic acid, comprising an esterification reaction of said carboxylic acid in an organic solvent, in the presence of a stereoselective hydrolase, characterized in that an orthoester of the formula: $R^1-C(OR^2)_3$, in which R^1 is selected from H and C_1-C_4 alkyl and R^2 is C_1-C_8 alkyl or $-CH_2-C_6-10$ aryl, is used as the esterification reactive.

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